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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/075,728
Filing Date	2/12/2002
First Named Inventor	Patrick J. TOOMEY
Group Art Unit	2878
Examiner Name	A. Gagliardi
Attorney Docket Number	9925-36938

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
	1	~~Radiative Properties of the Earth's Surface", "Emissivity of Water", date of Internet capture 06/23/1999, http://kazan.zeam-fu-berline.de/euromet/courses/english/satmet/s2600/s2600004.htm~~	
	2	Nick SHORT and Jon ROBINSON; Remote Sensing and Photo Interpretation Tutorial; November 118, 1996; Internet capture from http://www.metacator.upe.es	
	3	Robert NEMIFOFF (MTU) and Jerry BONNELL (USRA); Astronomy Picture of the Day; "The Water Vapor Channel"; Internet http://www.antwrp.gsfc.nasa.gov/apod/ap990904.html; date of capture May 9, 1998.	
	4	~~Dietrich ALTHAUSEN et. al.; "LIDAR"; reprinted from Internet website http://www.tropos.de~~	
	5	"Asmospheric Transmission; Centre National de la Recherche Scientifique, France; reprinted on 05/16/1999	
	6	~~F.P. HELMICH et. al.; "Detection of Hot, Abundant Water Toward AFGL 2591; Astronomy and Astrophysics page US ISO Science Support Center, reprinted from website 05/16/2002; http://iso.vilspa.esa.es/ISO/aandA/H10003.html~~	
	7	N.P. BARNES; "NASA Langley Demonstrates Compositional Tuning of Lasers" retrieved from Internet on January 15, 1999 at http://www.nasa.gov	
	8	~~B. SIERK et. al.: Institute of Spectrochemistry and Applied Spectroscopy; ISAS-Department Berlin; t: "Atmospheric Water Vapor Determination for Geophysical GPS Measurements" reprinted from website on 05/16/2001 at http://www.berlin.isas-dortmund.de/berlin_main.htm~~	
	9	~~esa Science; "Infrared Space Observatory (ISO) Spots Water Among the Stars"; reprinted from Internet website http://www.estec.esa~~	
	10	David A. NEUFFELD, et. al.; "Detection of Far Infrrared Rotation Lines of Water Vapour Toward W. Hydraw"; November 1996 Internet capture 05/16/2002; http://www.adsabs.harvard.edu/cgi-bin/nph-bib	
	11	A. KRIER, et. al.,: "Novel 2.7 Micron LEDs for Water Vapor Detection Based on In0.87Ga0.13Aw/InAs0.70P0.30 Grown by MBE on InP Using Strain Relaxed Buffer"; 1998; http://www.adsabs.harvard.edu/cgi-bin/nph-bib	

Examiner Signature		Date Considered	11/15/2002

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[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.

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	12	~~L.A. GARDECKI and M. MARONCELLI, "A Set of Secondary Emission Standards for Calibration of the Spectral Responsivity in Emission Spectroscopy", from Secondary Emission Standards; reprinted from website 05/29/1999 at http://zeno.chem.psu.edu/~gardecki/labpub-05.html~~	
	13	~~Specifications: "Scaled CO2 Laser Tube Specifications"; Laser Solutions and Systems; reprinted on 05/16/2002 from Internet website http://www.laswertubes.com/spec.htm (1-2)~~	
	14	Medical Lasers; reprinted on 05/20/1999 from Internet website http://koruslaser.com/koruslaser/com/medical.htm	
	15	~~Lidar System: Light Detection and Ranging discription retrieved from Internet website on 05/19/1999~~	
	16	Keith E. MILLER et. al., Northwestern University: "Forrescence Sensors for In Situ; Monitoring of Water Sorption in Bridge Coatings" retrieved from Internet http://www.iti.nwu.edu/nubs/tr7.html. 05/16/1999	
	17	Stacy MACDONALD and Pamela KEATING; "The Use of Shift Reagents in Near-Infrared Spectrometry"; retrieved from Internet http://rustico.chem.indiana.edu/hieftje/SAMPRK.htm on 05/19/1999	
	18	"Thermal Emissivity Spectra of Carbonates" retrieved from Internet website http://emma.la.asu.edu/-lane/carb.htm on 05/19/1999	
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	20	~~"Near Infra-Red Reflectance Moisture Analyzer Technology", Measuring Principle; Analyticon Instruments NIR Moisture Tech Info; retrieved on 05/19/1999 Internet website http://www.analyticon.com/aicprods/moisture/nirtech.htm~~	
	21	ASD: Field Spectrradiometry for Satellite Remote Sensing; Analytical Spectral Devices, Inc.; "Field Spectrometry: Techniques and Instrumentation" retrieved on 05/19/1999 from Internet website http://www.asdi.com/apps/remote_sensing.html (pages 1-12)	
	22	ASD; Spectra of Water Phases; Analytical Spectral Devices, Inc.; "Spectroscopy of Solid, Liquid and Vapor Water Phases" retrieved on 05/19/1999 from Internet website http://www.asdi.com/apps/water_phases.html (pages 1-6)	

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	23	Benchtop Hyperspectral Turnkey Systems; "Turnkey Benchtop Hyperspectral Systems for Field or Laboratory Use" retrieved from Internet on 05/14/1999	
	24	Zeltex, Inc.; KJE-100; Specificiation retrieved from Internet on 05/14/1999 http://zeltex.com	
	25	AeroTech Monitor; "Mycotoxins"; Aerotechlabs, retrieved on 05/11/1999 from Internet http://www.aerotechlabs.com	
	26	~~"Application of gama-ray spectrometry & electrical resistivity imaging technique to detect subsurface karst structure in Pokhra Valley, Hokkaido University; retrieved on 05/11/1999 from Internet http://www.hrk.nbi.ac.in/index.html"~~	
	27	pulsIR - Pulsed Infrared Radiator; Icon Optics, Inc,; Boston Electronics Corporation; specifications retrieved on 05/14/1999 from Internet; www.boselec.com; (pp. 1-4)	
	28	Boston Electronics Corporation; Free Product Literature and Free Literature Available; Linecard retrieved 07/24/1998 from Internet; boselec@worldstd.com/c/catalog.shtml (pp. 1-2)	
	29	Engineering Related News; ENR; "Containing Noxious Mold" Cover Story Indoor Air Quality; May 3, 1999 (pp. 1-6)	
	30	~~Wayne TOBIASSON and John RICARD, The Roofing Industry Educational Institute; "Moisture Gain and its Thermal Consequence for Common Roof Instalations" U.S. Army Cold Regions Research and Engineering Laboratory paper 2 (pp. 1-15)~~	

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